

**October 1, 2008**

**The following fissile or Type B packagings cannot be used for offsite shipments of fissile or Type B radioactive material after October 1, 2008. THIS DATE IS FINAL. EM-60 will neither request nor grant extensions!**

- 1. DOT Specification Packaging:** 49 CFR Part 173.416, *Authorized Type B packages*, (c) and 49 CFR Part 173.417, *Authorized Fissile Materials Packages*, (c), which state the following, respectively.

“Continued use of an existing Type B packaging constructed to DOT Specification 6M, 20WC, or 21WC is authorized until October 1, 2008 if it conforms in all aspects to the requirements of this subchapter in effect on October 1, 2003.”

“Continued use of an existing fissile material packaging constructed to DOT Specification 6L, 6M, or 1A2, is authorized until October 1, 2008 if it conforms in all respects to the requirements of this subchapter in effect on October 1, 2003.”

- 2. DOE-Approved Type B “Open Parenthesis” and certain Type AF packagings:** The authority for DOE to certify packaging for use by DOE contractors comes from 49 CFR Part 173.7(d) which states in part the following.

“...certified by the Department of Energy against packaging standards equivalent to those specified in 10 CFR Part 71.”

Therefore 10 CFR Part 71.19(a) applies to DOE-certified packagings.

- 3. DOE CoCs and NRC CoCs (wherein DOE is either the certificate holder or a registered user) that expire on October 1, 2008 because of 10 CFR Part 71.19(a):** Table 1 below was developed from the following.

- Information available on February 13, 2007 regarding NRC CoCs used by DOE
- Actions planned for October 1, 2008 concerning DOE CoCs based on grandfathered NRC CoCs
- Planned cancellation of certain NRC CoCs.

- 4. NRC-Approved Type B “Open Parenthesis” and certain Type AF packagings:** 10 CFR Part 71.19 *Previously approved package*, (a) which states the following.

“A Type B package previously approved by NRC, but not designated as B(U), B(M), B(U)F, or B(M)F in the identification number of the NRC CoC or Type AF packages approved by NRC prior to September 6, 1983 may be used under the general license of Part 71.17 with the following additional conditions:”

(a)(3): “Paragraph (a) of the section expires on October 1, 2008.”

# October 1, 2008

Table 1 was developed to highlight the certificates applicable to DOE contractors. However, the table does not show NRC CoCs that expire on October 1, 2008 where DOE is not a user. The RAMPAC website lists approximately twelve more NRC B( ) or B( )F CoCs that are not used by DOE and therefore not listed below. Similarly RAMPAC lists several AF CoCs, where DOE is not a user, that are not listed below.

**Table 1 -- CoCs that Expire on October 1, 2008**

Competent Authority	Certificate ID Number	Package ID Number
DOT	None	6L, 6M, UN1A2
	None	20WC, 21WC
DOE	USA/5320-3/B( )F (DOE)	5320
	USA/5740/B( ) (DOE)	ORNL TRU Californium Shipping Container
	USA/6058/B( )F (DOE)	B-3
	USA/6642/B( ) (DOE)	4.5 Ton Cf
	USA/9067/B( )F (DOE)	BCL-3
	USA/9098/B( ) (DOE)	CI-20WC-2 and CI-20WC-2A
NRC	USA/4888/B( )	Various Sentinel designs
	USA/5149/B( )F	814A
	USA/5607/B( )F	T-2
	USA/5805/B( )	CNS 3-55
	USA/5830/B( )	SNAP-21
	USA/5926/B( )F	GE-100
	USA/5939/B( )F	1500
	USA/5957/B( )F	BMI-1
	USA/5984/B( )	5984
	USA/6347/AF	FSV-3 (first certified in February 1982)
	USA/6357/AF	NNFD-10 (NRC CoC stated not renewable after 10/1/2008)
	USA/6400/B( )F	6400
	USA/6553/AF	Paducah Tiger (NRC CoC stated not renewable after 10/1/2008)
	USA/6574/B( )	3-82B
	USA/9010/B( )F	NLI-1/2
	USA/9015/B( )F	TN-8 and TN-8L
	USA/9081/B( )	CNS 1-13C
	USA/9152/B( )F	CNS 1-13CII
	USA/9208/B( )	10-142
	USA/9216/B( )F	CNS 1-13G